

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	TFT display controller and frame buffer and timing controller and ( pixel pipe line or PPL ) and display source gate driver and constant cycle and constant ratio time	US-PGPUB	ADJ	ON	2006/09/04 09:19
L2	22530	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L3	10293	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L4	6187	source driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L5	9835	gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L6	6506	power management control or PMC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L7	30081	display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
L8	1	L7 and L2 and L3 and L4 and L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L9	3	display source gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21

## EAST Search History

L10	1	L7 and L2 and L3 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L11	2367	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L12	1	L7 and L2 and L3 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L13	22530	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L14	10293	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L15	2367	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L16	1	L13 AND L14 AND L15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
L17	3464	(TFT or Thin adj film adj transistor\$1) adj display\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L18	583053	serial\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L19	1	L17 and L18 and L13 and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22

## EAST Search History

L20	22530	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L21	10293	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L22	6187	source driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L23	3983	field sequential color or FSC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L24	2367	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L25	1	L20 and L21 and L22 and L23 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
L26	1	L20 and L21 and L22 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
L27	30081	display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
L28	1	L20 and L21 and L27 and L23 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
L29	1	L20 and L21 and L27 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23

## EAST Search History

L30	1	L20 and L21 and L27 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
S1	3	TFT display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:13
S2	22151	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:35
S3	10091	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:08
S4	2331	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:38
S5	3	display source gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:41
S6	6018	source driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:42
S7	9547	gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:47
S8	6394	power management control or PMC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:50
S9	4	color light sequencer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:51

## EAST Search History

S10	29500	display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:58
S11	1792	S10 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:59
S12	49	S10 and S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/13 15:59
S13	1	S10 and S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
S14	1	S10 and S2 and S3 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
S15	10	S10 and S2 and S3 and S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:21
S16	1	S10 and S2 and S3 and S6 and S7 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:20
S17	22175	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:21
S18	10106	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:22
S19	6032	source driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:21

## EAST Search History

S20	9576	gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:21
S21	29525	display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:21
S22	10	S21 and S17 and S18 and S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S23	2334	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:24
S24	1	S22 AND S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:24
S25	1	S17 AND S18 AND S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:21
S26	2089630	DISPLAY	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 14:25
S27	3	TFT display\$6 controller\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:13
S28	6	TFT display\$6 control\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:09
S29	6	(TFT or Thin adj film adj transistor\$1) adj display\$6 adj control\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:13

## EAST Search History

S30	51	(serial and shift adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:32
S31	3380	(TFT or Thin adj film adj transistor\$1) adj display\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:13
S32	465788	serial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:21
S33	0	S31 and S32 and S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:21
S34	0	S31 and S30 and S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:21
S35	574112	serial\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:21
S36	1	S31 and S35 and S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
S37	219618	timing and controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:22
S38	219618	(timing and controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:22
S39	22	S31 and S35 and S17 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/20 09:09

## EAST Search History

S40	65	(serial\$6 and shift adj register)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:32
S41	0	S31 and S40 and S17 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/18 15:34
S42	3936	field sequential color or FSC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:38
S43	2	"20020149598"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:08
S44	0	S42 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/20 09:13
S45	1347640	color\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/20 09:13
S46	1	S45 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/07/20 09:13
S47	2466	pixel pipe line or PPL or pixel same pipe adj line\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/03 12:26
S48	2	"20020149598"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/03 12:07
S49	0	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/03 12:27

## EAST Search History

S50	58	S47 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/03 12:07
S51	35002	pipe line or PPL or pixel same pipe adj line\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:39
S52	0	S51 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/03 12:27
S53	35116	pipe line or PPL or pixel same pipe adj line\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 16:59
S54	2	"6624813".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:00
S55	1	S53 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:08
S56	2	"20020149598"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:08
S57	10280	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:08
S58	1037	TFT and display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:18
S59	386319	pixel or pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:10

## EAST Search History

S60	0	S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:25
S61	1	S56 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:11
S62	1	S56 and S58 and S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:11
S63	93726	TFT or display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:18
S64	0	S54 and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:19
S65	0	S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:19
S66	3979	field sequential color or FSC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:24
S67	0	S56 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:25
S68	0	S54 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/29 17:25
S69	22505	frame buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37

## EAST Search History

S70	10280	timing controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S71	6177	source driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S72	9820	gate driver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S73	30043	display controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S74	10	S73 and S69 and S70 and S71 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:37
S75	3979	field sequential color or FSC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:38
S76	2365	pixel pipe line or PPL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:38
S77	1	S69 and S70 and S71 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
S78	1	S69 and S70 and S71 and S75 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:22
S79	1	S69 and S70 and S73 and S75 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23

## EAST Search History

S80	1	S69 and S70 and S73 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
S81	50	S69 and S70 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:46
S82	1	S69 and S70 and S73 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/04 09:23
S83	2	"6549789".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:47
S84	2	"6215507".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/30 10:57

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	TFT display controller and frame buffer and timing controller and ( pixel pipe line or PPL ) and display source gate driver and constant cycle and constant ratio time	US-PGPUB	ADJ	ON	2006/09/04 09:19

Interference Search History Printout